

CLIP-MOUNTED CATALYST DEVICE FOR SELF-CLEANING OVENS

Abstract of the Disclosure

A catalytic converter device for use with a device such as an oven is provided. The catalytic converter device includes a catalyst-coated ceramic substrate and a mounting ring. The mounting ring secures the ceramic substrate and is engagable with one or more surfaces of a vent of the oven to secure the catalytic converter within an orifice of the vent such that gases flowing through the vent will pass through the apertures of the substrate. The mounting ring includes a body in the shape of a ring, one or more retaining tabs extending from the body which secure the ceramic substrate within the ring about the circumferential surface of the ceramic substrate, and one or more locking tabs extending from the body. The one or more locking tabs allow the mounting ring to be slid or snapped into place in the vent orifice, thereby eliminating the need to secure the catalytic converter device using screws.